

Overhead Traveling Crane, Hoist, and Monorail System Manufacturing: 2002

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2002 Economic Census

Manufacturing

Industry Series



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-- Not applicable for this report.

Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year ¹	Com- panies ²	All estab- lish- ments ³	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)	
			Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)					
333923, Overhead traveling crane, hoist, and monorail system manufacturing	2002..	273	340	15 613	590 784	10 202	19 030	319 159	1 106 023	1 713 129	2 870 168	41 062
	2001..	N	N	20 813	687 836	14 110	25 761	387 289	1 718 457	2 728 972	4 474 016	116 492
	2000..	N	N	21 789	739 462	14 783	27 178	419 179	1 941 955	2 991 113	4 873 707	124 117
	1999..	N	N	20 275	697 932	13 603	26 945	395 228	2 025 711	2 537 145	4 547 170	106 628
	1998..	N	N	18 993	618 890	12 702	25 578	358 947	1 521 669	1 982 765	3 458 955	62 494
	1997..	283	305	17 784	564 482	11 795	22 780	316 898	1 451 136	1 711 464	3 135 815	85 247

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
333923, Overhead traveling crane, hoist, and monorail system manufacturing												
United States	2	340	139	15 613	590 784	10 202	19 030	319 159	1 106 023	1 713 129	2 870 168	41 062
California	6	23	7	507	19 372	339	621	8 769	44 016	51 056	94 766	1 687
Connecticut	5	6	2	137	5 954	94	164	3 099	13 075	8 965	21 904	335
Florida	3	19	5	264	9 633	178	326	4 706	18 174	18 369	36 032	394
Illinois	2	9	6	312	11 325	153	269	4 382	18 841	23 541	42 767	344
Iowa	—	6	4	232	7 650	170	191	4 859	13 198	13 781	27 367	185
Louisiana	1	10	6	426	13 313	288	614	8 463	30 683	18 047	44 132	2 520
Michigan	1	24	10	880	36 122	545	1 103	15 617	64 928	77 825	142 039	1 896
New Jersey	5	9	6	333	13 617	187	414	5 266	38 248	51 190	89 394	1 174
New York	4	9	4	400	14 102	182	333	5 035	24 097	28 591	52 920	1 279
North Carolina	—	11	4	475	18 410	315	619	9 235	84 298	67 927	149 011	1 029
Pennsylvania	—	16	8	2 549	82 416	1 636	2 762	41 918	84 178	436 672	570 361	5 581
Texas	3	27	10	948	34 105	624	1 063	16 430	59 416	85 486	147 352	1 394
Washington	—	14	7	1 846	79 339	1 539	3 146	67 572	188 202	304 156	511 178	2 994

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
333923, Overhead traveling crane, hoist, and monorail system manufacturing	
Companies ¹	number.. 273
All establishments ²	number.. 340
Establishments with 1 to 19 employees	number.. 201
Establishments with 20 to 99 employees	number.. 108
Establishments with 100 employees or more	number.. 31
All employees ³	number.. 15 613
Total compensation	\$1,000.. 760 967
Annual payroll	\$1,000.. 590 784
Total fringe benefits	\$1,000.. 170 183
Production workers, average for year	number.. 10 202
Production workers on March 12	number.. 10 614
Production workers on May 12	number.. 10 462
Production workers on August 12	number.. 10 058
Production workers on November 12	number.. 9 653
Production worker hours	1,000.. 19 030
Production worker wages	\$1,000.. 319 159
Total cost of materials	\$1,000.. 1 713 129
Materials, parts, containers, packaging, etc., used	\$1,000.. 1 599 897
Resales	\$1,000.. 70 734
Purchased fuels	\$1,000.. 6 391
Purchased electricity	\$1,000.. 14 143
Contract work	\$1,000.. 21 964
Quantity of electricity purchased for heat and power	1,000 kWh.. 226 963
Quantity of electricity generated less sold for heat and power	1,000 kWh.. -
Total value of shipments	\$1,000.. 2 870 168
Primary products value of shipments	\$1,000.. 2 573 983
Secondary products value of shipments	\$1,000.. 139 621
Total miscellaneous receipts	\$1,000.. 156 564
Value of resales	\$1,000.. 81 953
Contract receipts	\$1,000.. 26 265
Other miscellaneous receipts	\$1,000.. 48 346
Primary products specialization ratio	percent.. 95
Value of primary products shipments made in all industries	\$1,000.. 2 819 455
Value of primary products shipments made in this industry	\$1,000.. 2 573 983
Value of primary products shipments made in other industries	\$1,000.. 245 472
Coverage ratio	percent.. 91
Value added	\$1,000.. 1 106 023
Total inventories, beginning of year	\$1,000.. 569 954
Finished goods inventories	\$1,000.. 276 636
Work-in-process inventories	\$1,000.. 117 072
Materials and supplies inventories	\$1,000.. 176 282
Total inventories, end of year	\$1,000.. 518 524
Finished goods inventories	\$1,000.. 224 066
Work-in-process inventories	\$1,000.. 118 626
Materials and supplies inventories	\$1,000.. 175 868
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 1788 520
Total capital expenditures (new and used)	\$1,000.. 41 062
Buildings and other structures (new and used)	\$1,000.. 4 685
Machinery and equipment (new and used)	\$1,000.. 36 377
Automobiles, trucks, etc., for highway use	\$1,000.. 2 677
Computers and peripheral data processing equipment	\$1,000.. 4 859
All other expenditures for machinery and equipment	\$1,000.. 28 841
Total retirements	\$1,000.. 37 833
Gross value of depreciable assets at end of year	\$1,000.. 1791 749
Depreciation charges during year	\$1,000.. 58 557
Total rental payments	\$1,000.. 44 875
Buildings and other structures	\$1,000.. 25 133
Machinery and equipment	\$1,000.. 19 742
Total other expenses ⁴	\$1,000.. 150 752
Response coverage ratio ⁵	percent.. 78
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 12 516
Communications services ⁴	\$1,000.. 9 566
Legal services ⁴	\$1,000.. 4 991
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 6 196
Advertising and promotional services ⁴	\$1,000.. 5 908
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 5 417
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 2 182
Management consulting and administrative services ⁴	\$1,000.. 4 548
Taxes and license fees ⁴	\$1,000.. 6 615
All other expenses ⁴	\$1,000.. 92 812

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Based on 2002 Annual Survey of Manufactures (ASM) sample data.

⁵A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E ¹	All establishments ²	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
333923, Overhead traveling crane, hoist, and monorail system manufacturing											
All establishments	2	340	15 613	590 784	10 202	19 030	319 159	1 106 023	1 713 129	2 870 168	'41 062
Establishments with—											
1 to 4 employees	9	71	153	5 099	107	175	2 437	10 969	12 576	23 843	'316
5 to 9 employees	7	52	372	13 239	241	441	6 019	24 999	36 396	61 938	'1 031
10 to 19 employees	3	78	1 084	40 020	682	1 183	19 122	74 141	86 107	161 189	'2 077
20 to 49 employees	1	75	2 340	89 854	1 498	2 907	46 710	200 651	221 602	419 961	'7 792
50 to 99 employees	2	33	2 329	91 826	1 347	2 567	40 668	163 023	171 253	335 593	'4 501
100 to 249 employees	3	22	3 452	122 855	2 179	3 789	64 466	250 159	310 014	569 387	'6 467
250 to 499 employees	—	6	g	D	D	D	D	D	D	D	D
500 to 999 employees	9	1	f	D	D	D	D	D	D	D	D
1,000 to 2,499 employees	—	2	h	D	D	D	D	D	D	D	D
2,500 employees or more	—	—	—	—	—	—	—	—	—	—	—
Administrative records ⁴	9	110	570	20 713	411	725	9 802	33 920	46 922	80 838	'1 292

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All establishments ¹	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)				
333923	Overhead traveling crane, hoist, and monorail system manufacturing	340	15 613	590 784	10 202	19 030	319 159	1 106 023	1 713 129	2 870 168	'41 062
3339231	Hoists	54	2 479	95 354	1 600	3 145	42 774	268 188	258 902	525 777	'5 478
3339233	Overhead traveling cranes and monorail systems	92	3 689	133 068	2 146	4 104	63 345	249 267	277 605	522 796	'7 290
3339237	Winches, aerial work platforms, and automotive wrecker hoists	72	8 329	320 349	5 732	10 486	192 593	553 778	1 131 028	1 741 731	'26 878

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. **Products Statistics: 2002 and 1997**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333923	Overhead traveling crane, hoist, and monorail system manufacturing	2002.. N	X	X	2 819 455
	1997.. N		X	X	3 210 279
3339231	Hoists	2002.. N	X	X	462 877
	1997.. N		X	X	552 502
33392311	Hoists, all types	2002.. N	X	X	341 212
	1997.. N		X	X	374 307
3339231101	Chain hand hoists	2002.. 10	X	S	27 907
	1997.. 5		X	D	D
3339231106	Ratchet lever hand hoists	2002.. 4	X	S	17 569
	1997.. 4		X	S	16 162
3339231111	Wire rope puller hand hoists	2002.. 4	X	X	23 745
	1997.. 5		X	X	D
3339231116	Electric (roller and link) chain hoists	2002.. 10	X	X	D
	1997.. 22		X	X	86 726
3339231121	Other hoists, powered by electric motor	2002.. 28	X	X	87 375
	1997.. 18		X	X	60 991
3339231131	Electric wire rope hoists (excluding hand, mine shaft, and slope wire rope hoists)	2002.. 14	X	X	43 046
	1997.. 16		X	X	76 654
3339231141	Air or other nonelectric chain hoists, except hand	2002.. 5	X	X	18 886
	1997.. 8		X	X	27 012
3339231146	Air and other nonelectric wire rope hoists (excluding hand, mine shaft, and slope wire rope hoists)	2002.. 2	X	X	D
	1997.. 8		X	X	12 974
3339231151	Other hoists, not powered by electric motor	2002.. 16	X	X	47 811
	1997.. 18		X	X	35 716
33392312	Parts and attachments for hoists (sold separately)	2002.. N	X	X	73 297
	1997.. N		X	X	124 386
3339231261	Parts and attachments for hoists (sold separately)	2002.. 31	X	X	73 297
	1997.. 31		X	X	124 386
3339231Y	Hoists, nsk	2002.. N	X	X	48 368
	1997.. N		X	X	53 809
3339231YVV	Hoists, nsk	2002.. N	X	X	48 368
	1997.. N		X	X	53 809
3339233	Overhead traveling cranes and monorail systems	2002.. N	X	X	475 630
	1997.. N		X	X	559 834
33392331	Overhead traveling cranes and monorail systems (including parts)	2002.. N	X	X	313 858
	1997.. N		X	X	318 780
3339233101	Single top running bridge type overhead traveling cranes (except construction power cranes)	2002.. 21	X	S	43 194
	1997.. 27		X	S	52 865
3339233111	Under running bridge type overhead traveling cranes (except construction power cranes)	2002.. 20	X	S	31 176
	1997.. 26		X	S	74 969
3339233116	Gantry type overhead traveling cranes (except construction power cranes)	2002.. 10	X	S	24 454
	1997.. 17		X	D	D
3339233121	Stacker-storage type overhead traveling cranes (except construction power cranes)	2002.. 3	X	S	3 873
	1997.. 6		X	S	6 668
3339233131	Other overhead traveling cranes on fixed support	2002.. 11	X	S	33 443
	1997.. 6		X	S	60 688
3339233136	Other overhead traveling cranes	2002.. 11	X	S	86 015
	1997.. 12		X	1.1	53 070
3339233141	Buckets, grabs, and grips	2002.. 12	X	S	42 156
	1997.. 3		X	D	D
3339233156	Monorail systems (manual and powered)	2002.. 15	X	S	49 547
	1997.. 13		X	S	33 364
33392332	Double top running bridge type overhead traveling cranes (except construction power cranes)	2002.. N	X	X	61 862
	1997.. N		X	X	103 397
3339233206	Double top running bridge type overhead traveling cranes (except construction power cranes)	2002.. 20	X	S	61 862
	1997.. 31		X	S	103 397
33392333	Parts and attachments for overhead traveling cranes and monorail systems	2002.. N	X	X	68 763
	1997.. N		X	X	103 742
3339233346	Other parts and attachments for overhead traveling cranes	2002.. 17	X	X	50 139
	1997.. 29		X	X	81 786
3339233361	Parts and attachments for monorail systems (sold separately)	2002.. 9	X	X	18 624
	1997.. 6		X	X	21 956
3339233Y	Overhead traveling cranes and monorail systems, nsk	2002.. N	X	X	31 147
	1997.. N		X	X	33 915
3339233YVV	Overhead traveling cranes and monorail systems, nsk	2002.. N	X	X	31 147
	1997.. N		X	X	33 915
3339237	Winches, aerial work platforms, and automotive wrecker hoists	2002.. N	X	X	1 815 586
	1997.. N		X	X	1 949 579
33392371	Personnel aerial work platforms (excluding parts)	2002.. N	X	X	1 473 477
	1997.. N		X	X	1 608 482
3339237110	Personnel aerial work platforms (excluding parts) ¹	2002.. 42	X	X	1 473 477
	1997.. 36		X	X	1 608 482
33392372	Winches for mounting on wheel and crawler tractors and other prime movers, complete units	2002.. N	X	X	50 964
	1997.. N		X	X	88 113
3339237230	Winches for mounting on wheel and crawler tractors and other prime movers, complete units ¹	2002.. 10	X	X	50 964
	1997.. 9		X	X	88 113
33392373	Electric and other winches, including marine use and automobile hoists used on tow trucks	2002.. N	X	X	180 389
	1997.. N		X	X	140 556
3339237353	Electric winches, including marine use (excluding winches for tractor mounting and parts)	2002.. 26	X	X	71 175
	1997.. 19		X	X	80 506
3339237358	Other winches, including automobile hoists used on tow trucks (excluding winches for mounting on wheel or crawler tractors)	2002.. 13	X	X	109 214

See footnotes at end of table.

Table 6a. **Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333923	Overhead traveling crane, hoist, and monorail system manufacturing—Con.				
3339237	Winches, aerial work platforms, and automotive wrecker hoists—Con.				
33392373	Electric and other winches, including marine use and automobile hoists used on tow trucks—Con.				
3339237358	Other winches, including automobile hoists used on tow trucks (excluding winches for mounting on wheel or crawler tractors)—Con.				
	1997..	N	X	X	N
33392374	Parts for winches, aerial work platforms, and automobile hoists (sold separately)	2002..	N	X	98 699
	1997..	N	X	X	112 428
3339237493	Parts for winches for mounting on tractors and other prime movers (sold separately)	2002..	9	X	15 714
	1997..	11	X	X	40 306
3339237495	Parts for winches for aerial work platforms and automobile hoists (sold separately)	2002..	23	X	82 985
	1997..	20	X	X	72 122
3339237Y	Winches, aerial work platforms, and automotive wrecker hoists, nsk	2002..	N	X	12 057
	1997..	N	X	X	—
3339237YVV	Winches, aerial work platforms, and automotive wrecker hoists, nsk	2002..	N	X	12 057
	1997..	N	X	X	—
333923W	Overhead traveling crane, hoist, and monorail system manufacturing, nsk, total	2002..	N	X	65 362
	1997..	N	X	X	148 364
333923WY	Overhead traveling crane, hoist, and monorail system manufacturing, nsk, total	2002..	N	X	65 362
	1997..	N	X	X	148 364
333923WYWW	Overhead traveling crane, hoist, and monorail system manufacturing, nsk, for nonadministrative-record establishments	2002..	N	X	8 685
	1997..	N	X	X	79 281
333923WYWY	Overhead traveling crane, hoist, and monorail system manufacturing, nsk, for administrative-record establishments	2002..	N	X	56 677
	1997..	N	X	X	69 083

¹For additional detail, see Current Industrial Report MA333D, Construction Machinery.

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p—10 to 19 percent estimated; q—20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. Product Class Shipments for Selected States: 2002 and 1997

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
3339231	Hoists	
	United States	2002.. 462 877
		1997.. 552 502
	California	2002.. 23 644
		1997.. 14 755
	Florida	2002.. 14 505
		1997.. 7 492
	Illinois	2002.. 3 064
		1997.. 6 655
	Iowa	2002.. 17 132
		1997.. N
	Michigan	2002.. 63 640
		1997.. 76 999
	North Carolina	2002.. 74 244
		1997.. 53 578
	Pennsylvania	2002.. 17 372
		1997.. 19 009
	Texas	2002.. 15 703
		1997.. 16 057
3339233	Overhead traveling cranes and monorail systems	
	United States	2002.. 475 630
		1997.. 559 834
	California	2002.. 29 080
		1997.. 20 660
	Illinois	2002.. 27 227
		1997.. 29 528
	Michigan	2002.. 46 029
		1997.. 44 688
	New York	2002.. 26 348
		1997.. 20 010
	Pennsylvania	2002.. 33 021
		1997.. 34 725
	Texas	2002.. 53 039
		1997.. 45 708
3339237	Winches, aerial work platforms, and automotive wrecker hoists	
	United States	2002.. 1 815 586
		1997.. 1 949 579
	Connecticut	2002.. 20 128
		1997.. 35 157
	Florida	2002.. 9 276
		1997.. N
	Illinois	2002.. 10 740
		1997.. N
	Iowa	2002.. 36 154
		1997.. N
	Louisiana	2002.. 14 218
		1997.. N
	Michigan	2002.. 3 725
		1997.. N
	Texas	2002.. 60 800
		1997.. N

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
333923	Overhead traveling crane, hoist, and monorail system manufacturing		
00900001	Total materials .....2002..	X	1 599 897
	.....1997..	X	1 567 374
33399601	Fluid power pumps, motors, and hydrostatic transmissions (hydraulic and pneumatic) .....2002..	X	134 592
	.....1997..	X	146 852
33399501	Fluid power cylinders and rotary actuators (hydraulic and pneumatic) .....2002..	X	48 738
	.....1997..	X	84 225
33291203	Fluid power hose and tube fittings and assemblies (hydraulic and pneumatic) .....2002..	X	24 128
	.....1997..	X	23 394
33291207	Fluid power valves (hydraulic and pneumatic) .....2002..	X	9 652
	.....1997..	X	32 674
33399901	Fluid power filters (hydraulic and pneumatic) .....2002..	X	1 429
	.....1997..	X	3 031
33272203	Metal bolts, nuts, screws, washers, rivets, and other screw machine products .....2002..	X	29 248
	.....1997..	X	17 522
33200099	Fabricated structural metal products (excluding forgings) .....2002..	X	140 272
	.....1997..	X	133 260
33200011	All other fabricated metal products (excluding forgings, structural metal products, bolts, nuts, screws, rivets, washers, screw machine products, metal stampings, and wire products).....2002..	X	29 536
	.....1997..	X	N
332000AC	Metal stampings .....2002..	X	3 413
	.....1997..	X	19 115
33211101	Iron and steel forgings .....2002..	X	5 916
	.....1997..	X	N
33211201	Nonferrous forgings .....2002..	X	147
	.....1997..	X	N
33151001	Iron and steel castings (rough and semifinished) .....2002..	X	91 661
	.....1997..	X	D
33152011	Nonferrous (aluminum, copper, etc.) castings (rough and semifinished) .....2002..	X	11 476
	.....1997..	X	8 817
33120007	Steel bars, bar shapes, and plate (excluding castings, forgings, and fabricated metal products) .....2002..	X	83 941
	.....1997..	X	D
33120016	Steel sheet and strip (including tinplate) .....2002..	X	11 537
	.....1997..	X	N
33120019	Steel structural shapes and sheet piling (excluding castings, forgings, and fabricated metal products) .....2002..	X	17 667
	.....1997..	X	22 692
33120091	All other steel shapes and forms (excluding castings, forgings, fabricated metal products, bars, bar shapes, plate, sheet, strip, structural shapes, and sheet piling) .....2002..	X	D
	.....1997..	X	25 047
33100038	Aluminum and aluminum-base alloy shapes and forms (excluding castings, forgings, and fabricated metal products) .....2002..	X	9 450
	.....1997..	X	N
33100077	Other nonferrous shapes and forms (excluding castings, forgings, and fabricated metal products) .....2002..	X	D
	.....1997..	X	N
33531221	Integral horsepower electric motors and generators (1 hp or more) .....2002..	X	28 104
	.....1997..	X	N
33361200	Mechanical speed changers, gears, and industrial high-speed drives .....2002..	X	33 831
	.....1997..	X	68 854
32622001	Rubber and plastics hose and belting .....2002..	X	6 416
	.....1997..	X	2 347
32551002	Paints, varnishes, stains, lacquers, shellacs, japans, enamels, and allied product .....2002..	X	23 273
	.....1997..	X	N
001900B1	Electrical transmission, distribution, and control equipment .....2002..	X	64 423
	.....1997..	X	50 952
33299101	Ball and roller bearings (mounted or unmounted) .....2002..	X	13 118
	.....1997..	X	25 177
00970099	All other materials and components, parts, containers, and supplies .....2002..	X	286 196
	.....1997..	X	588 157
00971000	Materials, ingredients, containers, and supplies, nsk .....2002..	X	457 450
	.....1997..	X	171 675

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.